

# Product Information

## **MemDX™ Recombinant Ross River Virus structural polyprotein Membrane Protein in Virus-Like Particles (MP-VLPs)**

Cat. No.: **MPVLP-047**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Ross River Virus structural polyprotein in VLPs form. This product is produced from mammalian cells by co-expressing the retroviral structural core polyprotein (gag) and the target membrane protein. MP-VLPs display highly-expressed copies of membrane proteins in their native conformation, providing an alternative to membrane protein stable cell lines, membrane preparations, detergent-solubilized proteins and other membrane protein preparation strategies. MP-VLPs can be used for a wide range of applications in antibody production, antibody discovery, antibody characterization, binding assays and functional assays.

### Product Specifications

#### **Host Species**

Ross River Virus

#### **Target Protein**

Ross River Virus structural polyprotein

#### **Protein Length**

Full length

#### **Protein Class**

Virus envelope

#### **TMD**

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### Product Description

#### **Application**

ELISA; Antibody Production; Antibody Discovery; Antibody Characterization; Binding Assays; Functional Assays

#### **Expression Systems**

HEK293 expression system

#### **Protein Format**

Membrane Protein-Virus Like Particles (MP-VLPs)

#### **Form**

Liquid

#### **Storage**

The product should be stored at -20°C or lower. Avoid freeze-thaw cycles.

## Target

### Target Protein

Ross River Virus structural polyprotein

### Full Name

Structural polyprotein

### Alternative Names

Ross River Virus envelope; Ross River Virus structural polyprotein; RRVgp2; RRV envelope; RRV structural polyprotein; Ross River Virus; RRV

### Gene ID

[1489707](#)

### UniProt ID

[P08491](#)